

**Exam. Code : 103206**

**Subject Code : 1200**

**B.A./B.Sc. Semester-VI**

**COMPUTER SCIENCE (Information Technology)**

Time Allowed-3 Hours]

[Maximum Marks-75

**Note :—** Attempt any **FIVE** questions. All questions carry equal marks.

1. What do you mean by Computer Network ? Discuss various network topologies giving their relative merits and demerits. 15
2. Define an operating system. What are various types of operating systems ? Discuss any one type of operating system in detail. 15
3. Discuss the following in detail :
  - (a) Decision Support System 7.5
  - (b) Transaction Processing System. 7.5
4. What do you mean by Internet ? What are its uses and abuses ? Discuss in detail. 15
5. What do you mean by Network Operating System ? Briefly discuss various components of Network Operating System. 15

6. Elaborate the Windows NT security model. 15
7. What do you mean by Client Server Model ? Explain its various applications. 15
8. Discuss the following in brief :
  - (a) Role of System Analyst 7.5
  - (b) Role of MIS Director. 7.5